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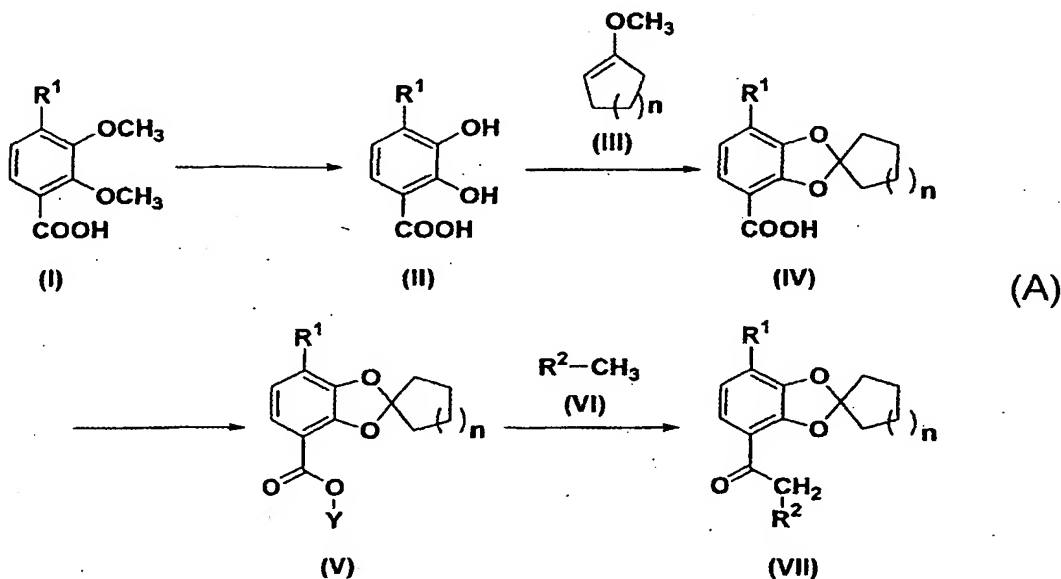
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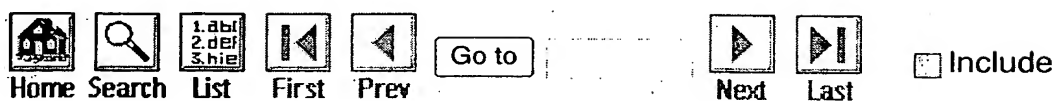
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(54) Title: PROCESS FOR PREPARATION OF 1,3-BENZODIOXOLE-2-SPIRO- CYCLOALKANE DERIVATIVES

(54) 発明の名称: 1, 3-ベンゾジオキソール-2-スピロシクロアルカン誘導体の製造法

(57) Abstract: A process for the preparation of 1,3-benzodioxole-2-spirocycloalkane derivatives represented by the general formula (VII), characterized by adding a base to a mixture comprising a compound represented by the general formula (V) and a compound represented by the general formula (VI) to thereby make the compound (V) react with the compound (VI): (A) wherein R¹ is hydroxyl or substituted or unsubstituted lower alkoxy; R² is an aromatic heterocyclic group or the like; Y is lower alkyl or the like; and n is an integer of 1 to 6.

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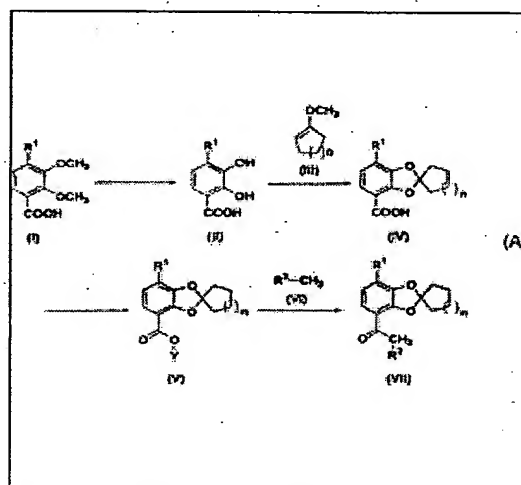
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WO2004005276 A1
PROCESS FOR PREPARATION OF
1,3-BENZODIOXOLE-2-SPIRO-
CYCLOALKANE DERIVATIVES
 KYOWA HAKKO KOGYO CO., LTD.

Abstract:

A process for the preparation of 1,3-benzodioxole-2-spirocycloalkane derivatives represented by the general formula (VII), characterized by adding a base to a mixture comprising a compound represented by the general formula (V) and a compound represented by the general formula (VI) to thereby make the compound (V) react with the compound (VI): (A) wherein R¹ is hydroxyl or substituted or unsubstituted lower alkoxy; R² is an aromatic heterocyclic group or the like; Y is lower alkyl or the like; and n is an integer of 1 to 6.



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ML MR NE SN TD TG

Patents Cited:

→ EP0771794 (X) [0]

Patents Citing This One (6):

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REMEDY AND/OR PREVENTIVE FOR LUNG
DISEASES
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REMEDY AND/OR PREVENTIVE FOR LUNG
DISEASES
- WO2004087149 A1 20041014 KYOWA HAKKO KOGYO CO. LTD.
MEDICINAL COMPOSITION
- WO2004087150 A1 20041014 KYOWA HAKKO KOGYO CO. LTD.
DRUG COMPOSITION
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MEDICINAL COMPOSITION
- WO2004096274 A1 20041111 KYOWA HAKKO KOGYO CO., LTD.
DRUG FOR AIRWAY ADMINISTRATION

French Title: METHODE DE PREPARATION DE DERIVES DE 1,3-
BENZODIOXOLE-2-SPIRO-CYCLOALCANE

French Abstract: L'invention concerne une méthode de préparation de dérivés de 1,3- benzodioxole-2-spiro-cycloalcane de formule générale (VII), caractérisés par l'adjonction d'une base à un mélange contenant un composé de formule générale (V) et un composé de formule générale (VI), pour obtenir une réaction du composé (V) avec le composé (VI). Dans ladite formule, R 1 est hydroxyle ou alcoxy inférieur substitué ou insubstitué; R 2 est un groupe hétérocyclique aromatique ou analogue; Y est alkyle inférieur ou analogue; et n est un entier compris entre 1 et 6.

[Go to Claims](#)**Detailed Description**

NotAvailable

Claims (English)

{n/a}

Claims (French)

{n/a}

Claims (German)

{n/a}

Claims (Spanish)

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